

## INTERNATIONAL SEARCH REPORT

In 1st Application No  
PCT/GB2004/005118A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F02G1/043 F02G1/053

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/032452 A1 (KAMEN DEAN L ET AL) 25 October 2001 (2001-10-25) paragraphs '0060!, '0061!; figure 4 -----	1
A	US 6 536 207 B1 (KAMEN DEAN L ET AL) 25 March 2003 (2003-03-25) column 19, line 31 - line 55; figures 10,11 -----	1
A	US 2003/145590 A1 (LANGENFELD CHRISTOPHER C ET AL) 7 August 2003 (2003-08-07) paragraph '0053!; figure 16 -----	1
A	US 6 286 310 B1 (CONRAD WAYNE ERNEST) 11 September 2001 (2001-09-11) column 26, line 31 - line 65; figure 20 -----	1

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

21 February 2005

Date of mailing of the international search report

03/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Pileri, P

## INTERNATIONAL SEARCH REPORT

Int Application No  
PCT/GB2004/005118

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2001032452 A1	25-10-2001	US 6247310 B1	19-06-2001
		US 6062023 A	16-05-2000
		CA 2446855 A1	21-11-2002
		EP 1392959 A2	03-03-2004
		MX PA03010292 A	09-03-2004
		WO 02092987 A2	21-11-2002
		US 2004033140 A1	19-02-2004
		AU 5000701 A	12-09-2001
		AU 2001250007 B2	28-10-2004
		BR 0109019 A	03-06-2003
		CA 2400599 A1	07-09-2001
		CN 1408052 T	02-04-2003
		EP 1259725 A1	27-11-2002
		JP 2003525387 T	26-08-2003
		MX PA02008586 A	24-02-2003
		NZ 520723 A	28-05-2004
		TW 482862 B	11-04-2002
		WO 0165102 A1	07-09-2001
		US 6381958 B1	07-05-2002
		US 2004003591 A1	08-01-2004
		US 2004144089 A1	29-07-2004
		US 2003066282 A1	10-04-2003
		US 2002029567 A1	14-03-2002
		AT 250719 T	15-10-2003
		AT 254242 T	15-11-2003
		CA 2294826 A1	28-01-1999
		CA 2295801 A1	28-01-1999
		CN 1111646 C	18-06-2003
		CN 1104554 C	02-04-2003
		DE 69818473 D1	30-10-2003
		DE 69818473 T2	19-08-2004
		DE 69819730 D1	18-12-2003
		DE 69819730 T2	30-09-2004
		EP 1375891 A1	02-01-2004
		EP 0996819 A1	03-05-2000
		EP 0996820 A1	03-05-2000
		JP 2001510263 T	31-07-2001
		JP 2001510264 T	31-07-2001
		TW 411388 B	11-11-2000
		TW 440677 B	16-06-2001
		WO 9904152 A1	28-01-1999
		WO 9904153 A1	28-01-1999
US 6536207 B1	25-03-2003	AU 4193601 A	12-09-2001
		BR 0108897 A	24-12-2002
		CA 2400750 A1	07-09-2001
		CN 1416505 T	07-05-2003
		EP 1259724 A2	27-11-2002
		JP 2003525386 T	26-08-2003
		MX PA02008587 A	24-02-2003
		NZ 520891 A	30-04-2004
		WO 0165100 A2	07-09-2001
		US 2003230440 A1	18-12-2003
US 2003145590 A1	07-08-2003	US 2002189253 A1	19-12-2002
		US 2004033140 A1	19-02-2004
		CA 2450287 A1	27-12-2002
		EP 1407129 A1	14-04-2004

# INTERNATIONAL SEARCH REPORT

In **na**l Application No  
PCT/GB2004/005118

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003145590 A1		MX PA03011536 A WO 02103185 A1	18-03-2004 27-12-2002
US 6286310 B1	11-09-2001	CA 2292684 A1 US 6311491 B1 AU 2136901 A CN 1434898 T EP 1238192 A1 US 6217191 B1 US 2003121259 A1 US 6336326 B1 US 6279318 B1 US 6345666 B1 US 6311490 B1 US 6332319 B1 US 6269639 B1 US 6269640 B1 US 6226990 B1 US 6279319 B1 WO 0144646 A1 US 6293101 B1	17-06-2001 06-11-2001 25-06-2001 06-08-2003 11-09-2002 17-04-2001 03-07-2003 08-01-2002 28-08-2001 12-02-2002 06-11-2001 25-12-2001 07-08-2001 07-08-2001 08-05-2001 28-08-2001 21-06-2001 25-09-2001